

ARMAMENT
INTEGRATED DATA ENVIRONMENT

ARMAMENT INTEGRATED DATA ENVIRONMENT



ARMAMENTS RESEARCH, DEVELOPMENT and ENGINEERING CENTER

The Enterprise Management Knowledge and Process Management Office

**The Armament Advanced
Collaborative Environment (ACE)**

Introductory Windchill

Training Part 1

July 2004

Instructors: Armament ACE Team, ARDEC

AGENDA

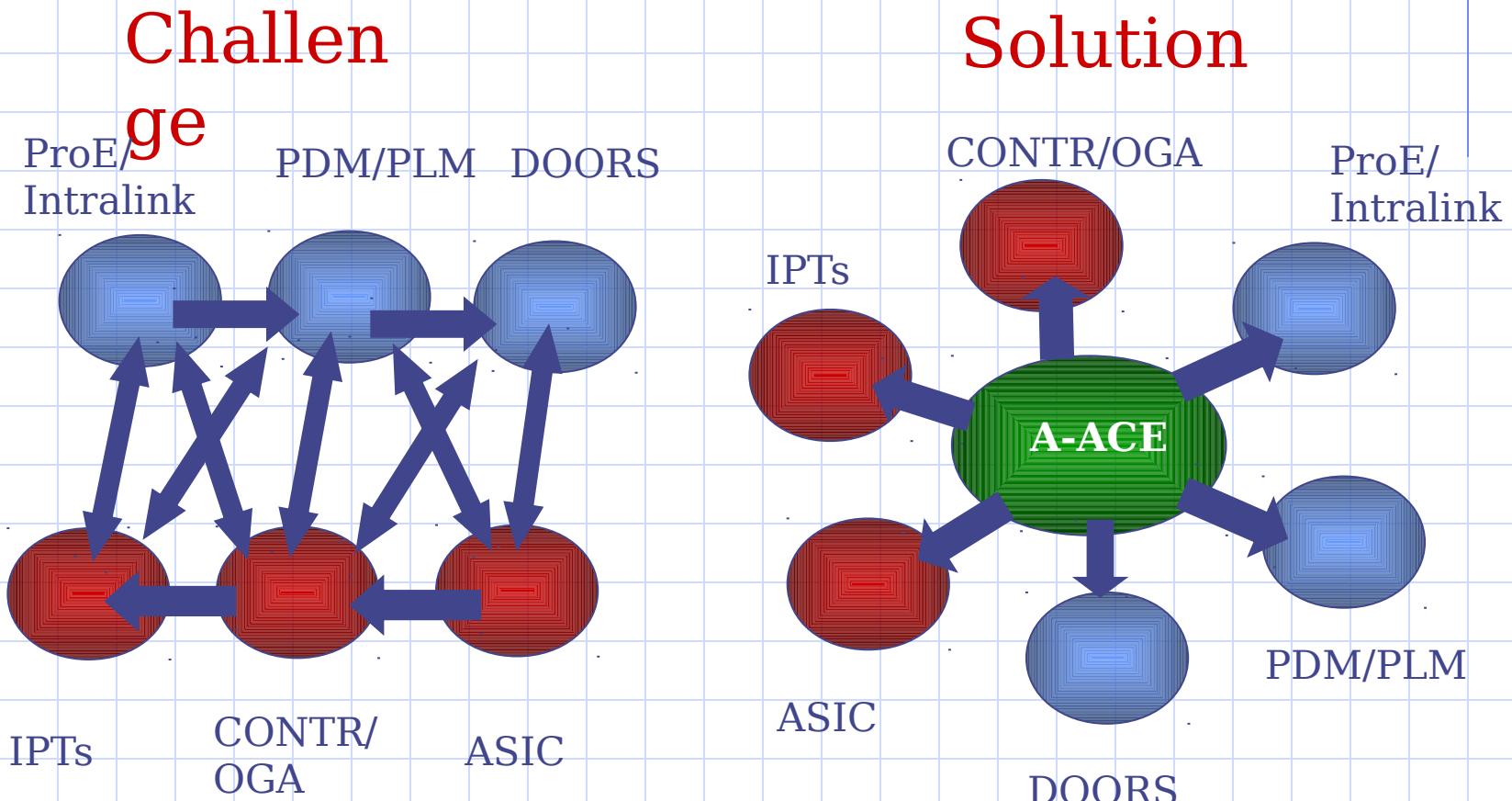
◆ Introduction

- *The IDE challenge*
- *What is the Armament ACE (A-ACE) ?*
- *What is Windchill ?*

◆ Basic A-ACE literacy

◆ Document and Configuration Management in Windchill

The IDE challenge

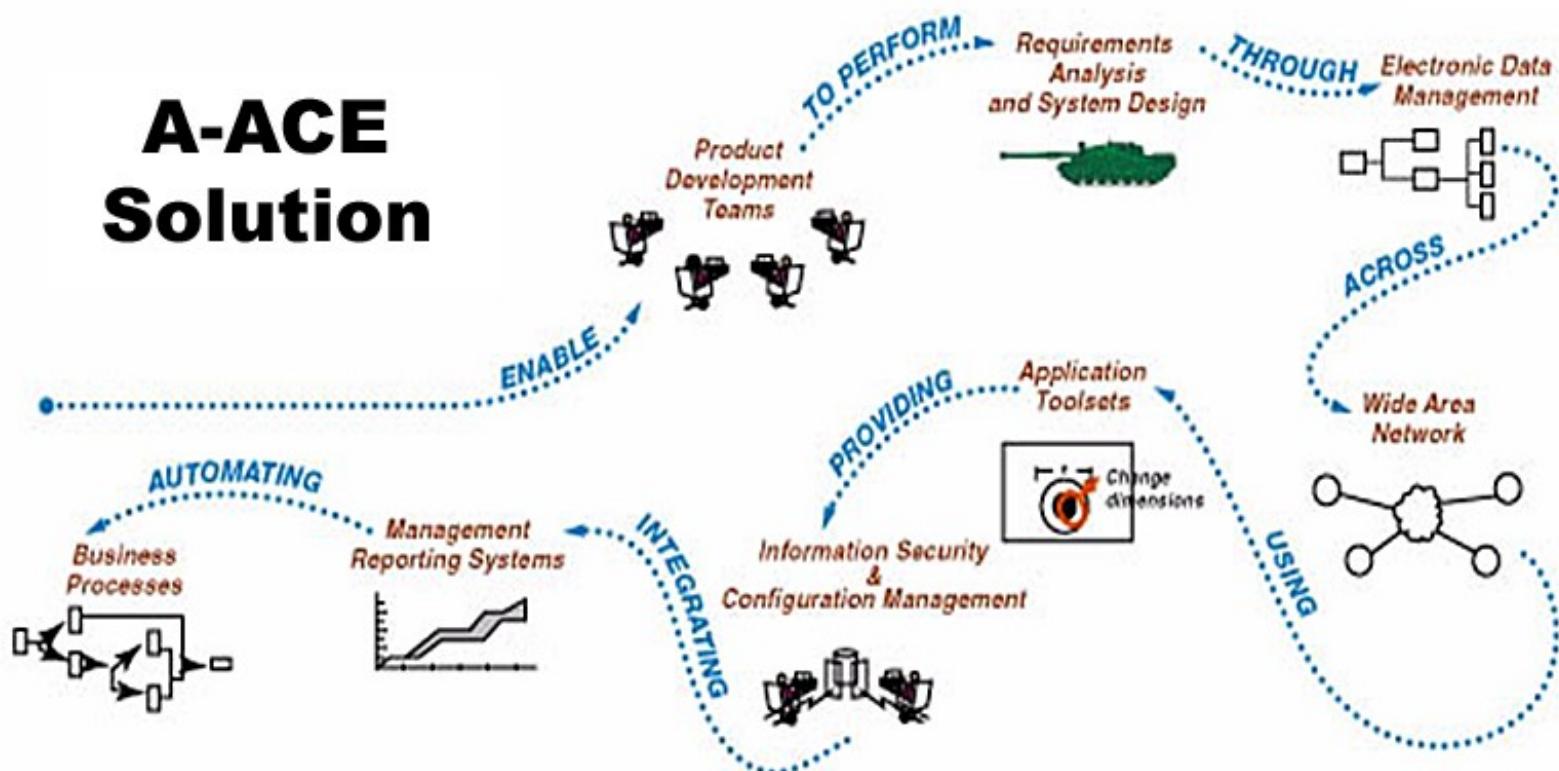


ACE provides a single window into all program data, regardless of where the user or the data exists geographically.

The IDE Supports the Entire Weapons Development Life Cycle

INTEGRATED DATA ENVIRONMENT (IDE)

A-ACE Solution



IDE Benefits

Program Key Requirement	Benefits
Integrated Product Development	<ul style="list-style-type: none">Ability to capture information at the time of its creationAbility to manage product and program management structuresSupport for real-time information sharing and work-flowAbility to ensure team members had the most current
Virtual Co-location of product development	<ul style="list-style-type: none">Support for a common information architecture that is distributed geographicallyThe ability to assign rules regarding information accessSupport for electronic notification of changes to program/product informationAbility to facilitate communication among team members
Configuration Management	<ul style="list-style-type: none">Ability to manage information and relationships between information product at different revision levelsSupport for program formal data and configuration management policiesSupport for electronically promoting information products from one state to another/support for the engineering release process
Complete visibility into technical and schedule progress	<ul style="list-style-type: none">The ability to track scheduled activities or status of key processesThe ability to present a single interface to the entirety of the Government, contractor and subcontractors' data creation activities

Advantages to the User

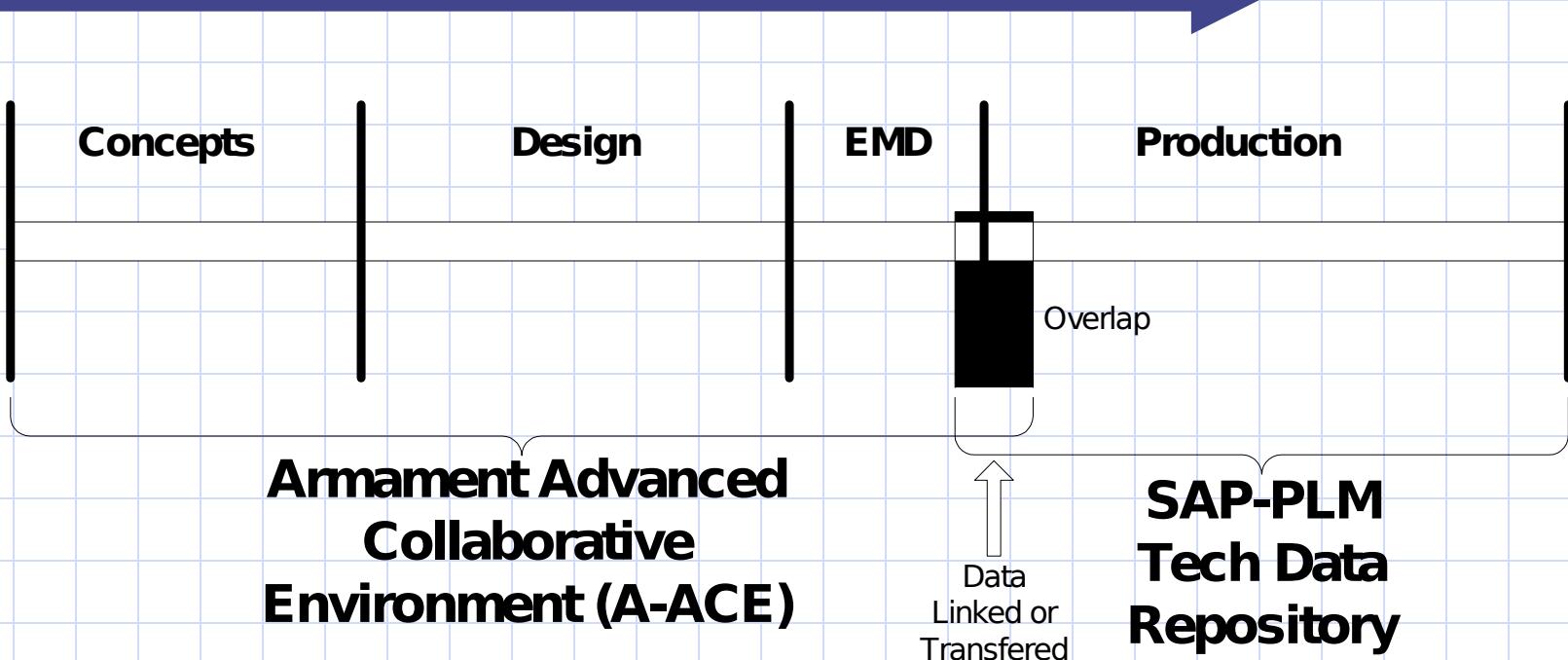
- ◆ Ability to capture information at the time of its creation
- ◆ Ability to manage product and program management structures
- ◆ Support for real-time information sharing and work-flow
- ◆ Ability to ensure team members had the most current information
- ◆ The ability to assign rules regarding information access
- ◆ Support for electronic notification of changes
- ◆ Ability to facilitate communication among team members
- ◆ Ability to associate information products to differing versions of product structures with effectivity rules in place
- ◆ Support for program formal configuration management policies
- ◆ Support for electronically promoting information products from one state to another/support for the engineering release process
- ◆ The ability to present a single interface to the entirety of the prime contractor and subcontractors' data creation activities

Typical PDM payback reported by the Commercial Sector

- Reduction in number of Engineering Changes 55-80%
- Reduction in Engineering Change processing time 35%
- Reduction in design/development costs 50%
- Reduction in design cycle time 20-40%
- Reduction in the number of parts 42%
- Reduction in the number of paper copies 40-90%
- Reduction in the number of document control staff 30%
- Reduction in document release time 60%
- Reduction in document request time 99%
- Reduction in manufacturing costs 30%

ARDEC Engineering Data Management (as it exists today) from an overarching systems point of view

Data growth and maturation....



What is the Armament ACE?

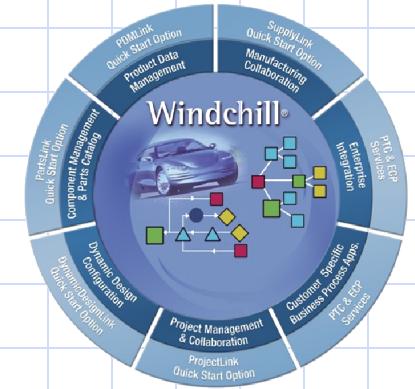
◆ Armament weapon system design and development is a collaborative endeavor. The Armament ACE Windchill data system supports data exchange, viewing, use, storage, tracking and analysis.

◆ The Armament ACE:

- Spans the weapons system life cycle,
- Foster interoperability and information sharing,
- Extends the availability of program data, data access, data management services, and functional capability to a wide spectrum of users across the Army,
- Encompasses Government and defense industry data,
- Enables sharing of research and emerging technologies and collaboration between RDE Centers (RDECs) and others,
- Provides for a collaborative environment for models and simulations,
- Integrates lifecycle product data supporting the Total Life Cycle Systems Management concept

What is Windchill?

- ◆ A commercial off-the-shelf software product from Parametric Technology Corp.
- ◆ Manages any document, such as schedules, trade studies, meetings, parts, requirements, etc.
- ◆ Collaborative design and development
- ◆ Task-based work efforts that are tracked from a history of a document or part
- ◆ Document or drawing mark-ups and viewing
- ◆ Communication and data sharing between different enterprise applications
- ◆ Contractor proprietary data management
- ◆ Role-based access control
- ◆ Program Management



Some A-ACE snapshots

MATREX Sandbox Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://pace.pica.army.mil/Matrex/>

Links QEST AIDG LOS BLOS PACE ProjectLink Cannot find server Que FCS ACE .mil Portal Federation

MATREX Modeling Architecture for Technology, Research & Experimentation

The Army Portal | FCS ACE.mil Server | Centra eMeeting

LOS/BLOS Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://enova3.pica.army.mil/>

Links QEST AIDG LOS BLOS PACE ProjectLink Cannot find server Que FCS ACE .mil Portal Federation FCS ACE MATREX AKO mySAP

LOS/BLOS

LOS/BLOS Windchill System

- ▶ Home
- ▶ Search for Document
- ▶ Browse Cabinets
- ▶ Go to my worklist
- ▶ Go to Personal cabinet
- ▶ Project Link
- ▶ Centra eMeeting
- ▶ MRAAS Archive

USER Help

- ▶ Creating a link to a document stored in Windchill
- ▶ Windchill cabinets & folders - Navigating the Windchill file structure
- ▶ Searching for a document
- ▶ Basic setup functions
- ▶ Creating a document/updating content

EM Gun Technology Maturation & Demonstration

Managing A Technology Opportunity To Revolutionize Firepower

Some Current Armament-ACE Customers

LOS/BLOS

LOS/BLOS Windchill System

- ▶ Home
- ▶ Search for Document
- ▶ Browse Cabinets
- ▶ Go to my worklist
- ▶ Go to Personal cabinet
- ▶ Project Link
- ▶ Centra eMeeting
- ▶ MRAAS Archive

USER Help

- ▶ Creating a link to a document stored in Windchill

Check out our latest news and announcements

Windchill version now at 6.2.6. The new LOS/BLOS Windchill server runs on UNIX Solaris platform, with a high-speed connection to the Internet.

GOOD WARNING

Outer system is subject to monitoring at all times. Law 99-474 (The Computer Fraud and Abuse Act of 1984) makes it illegal to access without authorization. Please read the following Privacy and Security Notice.

and Security Notice

CLASSIFIED information, check the security accreditation level of this system. This system is **CLASSIFIED** above the accreditation level of this system. This system and network devices (includes Internet access) are provided for authorized use only. Computer Systems may be monitored for all lawful purposes, including investigation of system, to facilitate protection against unauthorized access, and maintain system security. Monitoring includes, but is not limited to, active attacks against this system. During monitoring, information may be examined. All information, including control information, placed on or sent over

Computing facilities, Building 12



Current (FY04) Windchill Infrastructure

- ◆ Dual Sun V880 high-speed servers, with failsafe battery backup
- ◆ Gigabit network
- ◆ UNIX-based secure operation
- ◆ Oracle DBMS foundation
- ◆ Backups with optional offsite tape storage
- ◆ Secure, 128 bit encryption access from the Internet

A-ACE Basics

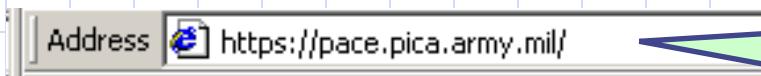
- ◆ Section 1: Logging in
- ◆ Section 2: Getting started
- ◆ Section 3: Finding documents

Section 1: Logging in

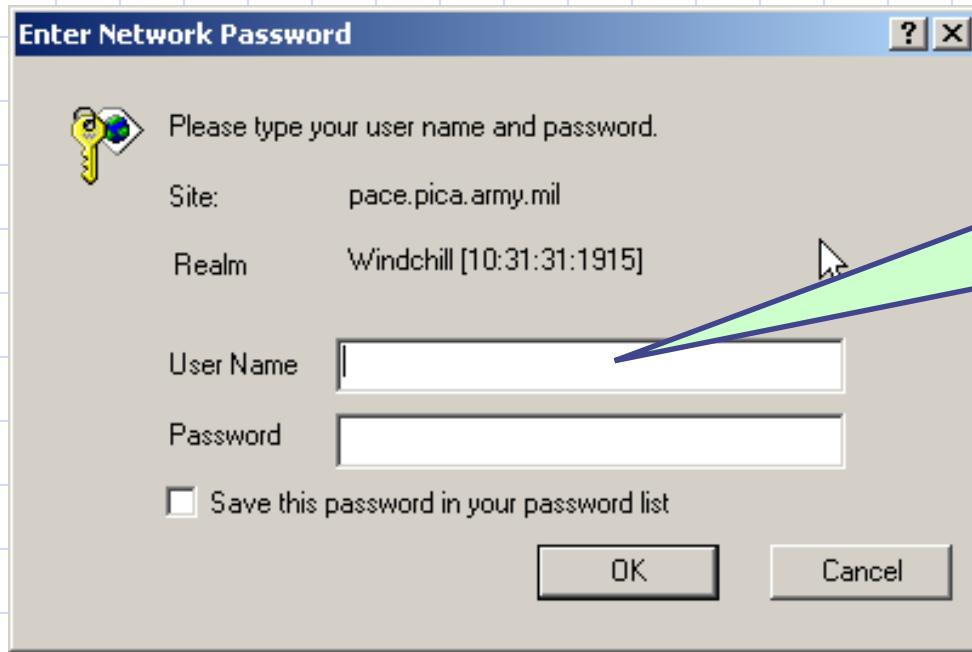
◆ Objectives

- Logging in with local authentication
- Understanding the Armament-ACE Web Portal

Logging in to the Armament ACE



This is the ACE Portal URL. The address utilizes **https**, or, 128 bit encryption



Enter your user name and password here

Understanding the ACE Portal

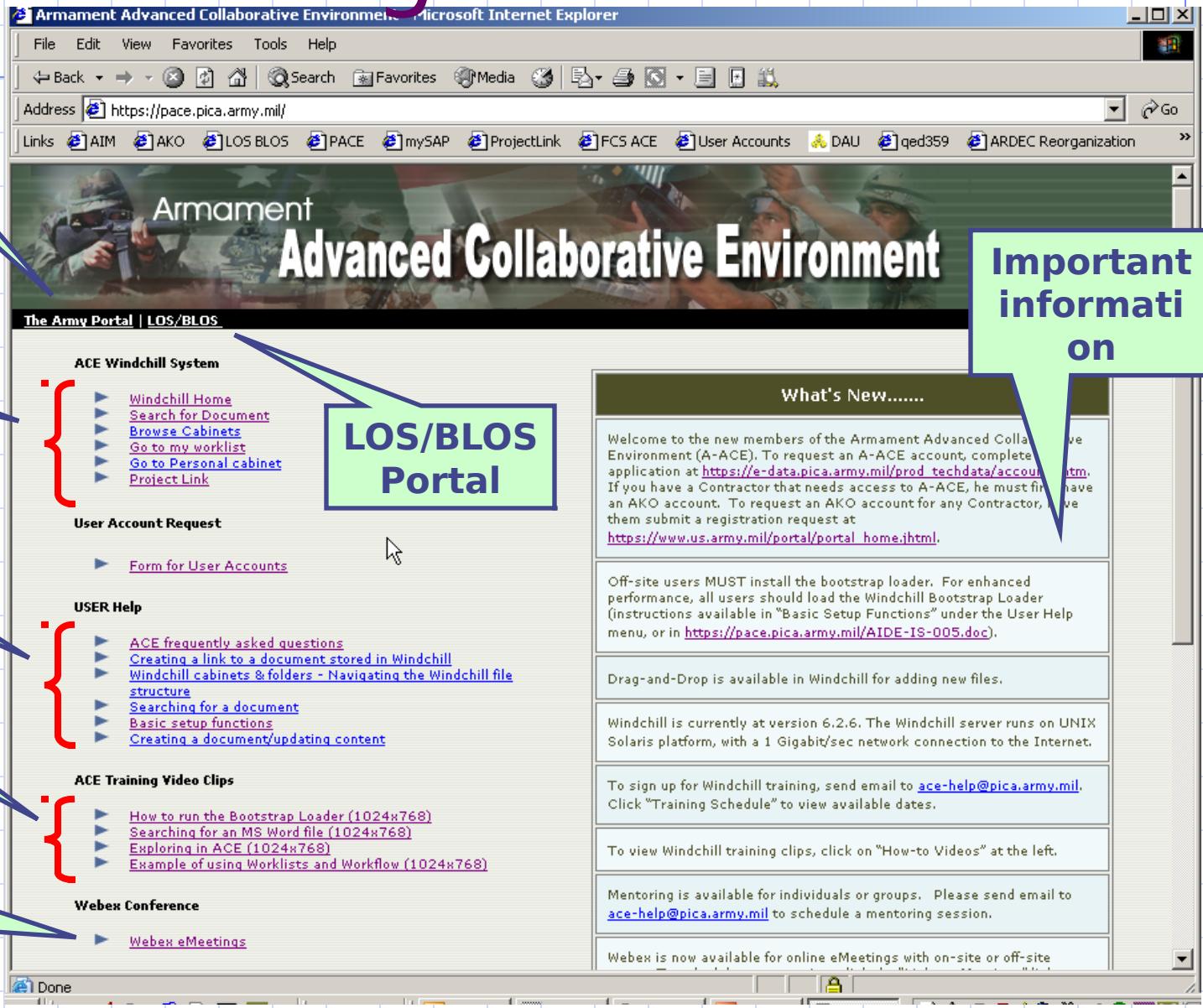
AKO
Portal

Windchill
Application
Links

Help and
Tip Sheets

Training
Videos

Schedule a
Webex
conference



AKO
Portal

Windchill
Application
Links

Help and
Tip Sheets

Training
Videos

Schedule a
Webex
conference

LOS/BLOS
Portal

Important
information

What's New.....

Welcome to the new members of the Armament Advanced Collaborative Environment (A-ACE). To request an A-ACE account, complete the application at https://e-data.pica.army.mil/prod_techdata/account.htm. If you have a Contractor that needs access to A-ACE, he must first have an AKO account. To request an AKO account for any Contractor, have them submit a registration request at https://www.us.army.mil/portal/portal_home.jhtml.

Off-site users MUST install the bootstrap loader. For enhanced performance, all users should load the Windchill Bootstrap Loader (instructions available in "Basic Setup Functions" under the User Help menu, or in <https://pace.pica.army.mil/AIDE-IS-005.doc>).

Drag-and-Drop is available in Windchill for adding new files.

Windchill is currently at version 6.2.6. The Windchill server runs on UNIX Solaris platform, with a 1 Gigabit/sec network connection to the Internet.

To sign up for Windchill training, send email to ace-help@pica.army.mil. Click "Training Schedule" to view available dates.

To view Windchill training clips, click on "How-to Videos" at the left.

Mentoring is available for individuals or groups. Please send email to ace-help@pica.army.mil to schedule a mentoring session.

Webex is now available for online eMeetings with on-site or off-site

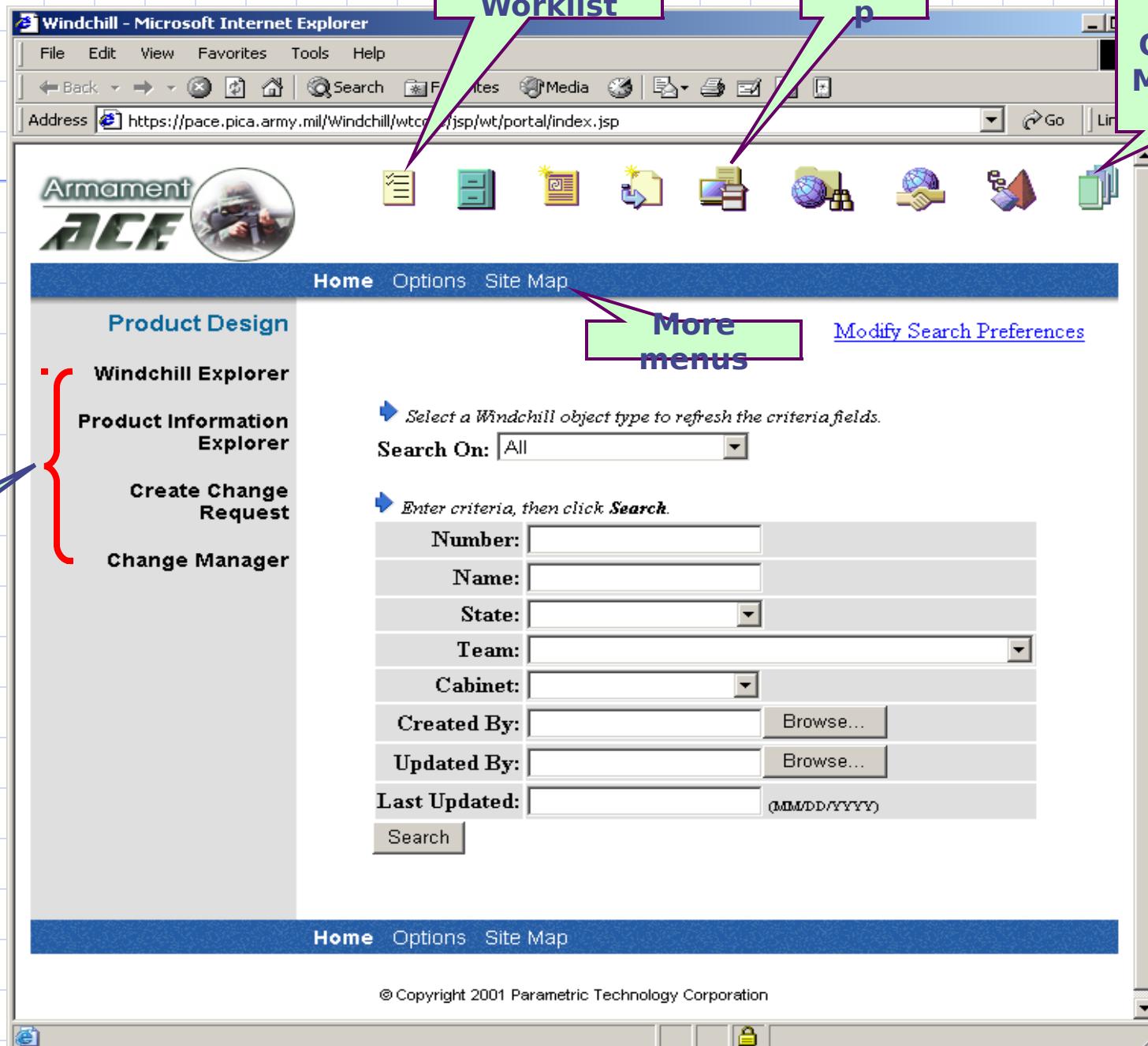
Section 2: Getting started

◆ Objectives

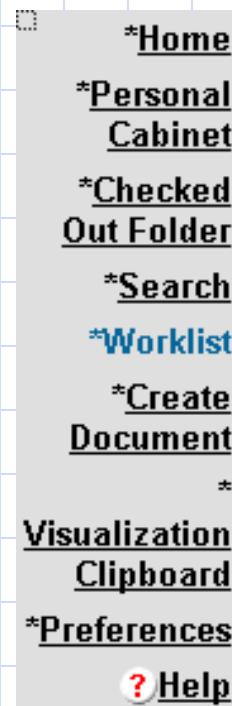
- Understanding the Windchill Home Page
- Understanding menus
- Running “Setup”
 - ◆ Bootstrap loader
 - ◆ MS Office integration
- Changing your password

◆ Goals

- After this session you will become familiar with entry into Windchill and will be able to start using the Armament-ACE environment.



Understanding Menus



- *Properties
- *Structure Hierarchy
- *References
- *Structure Usage
- *Changes
- *Describes
- *Related Process

- *All Versions
- *Version History
- *Iteration History
- *Life Cycle History
- *Signatures
- *Subscription
- *Discuss
- *Saved As History
- *Check Out
- *Get Content
- *Save As
- *Submit
- *Delete
- *Move
- *Revise
- *Rename

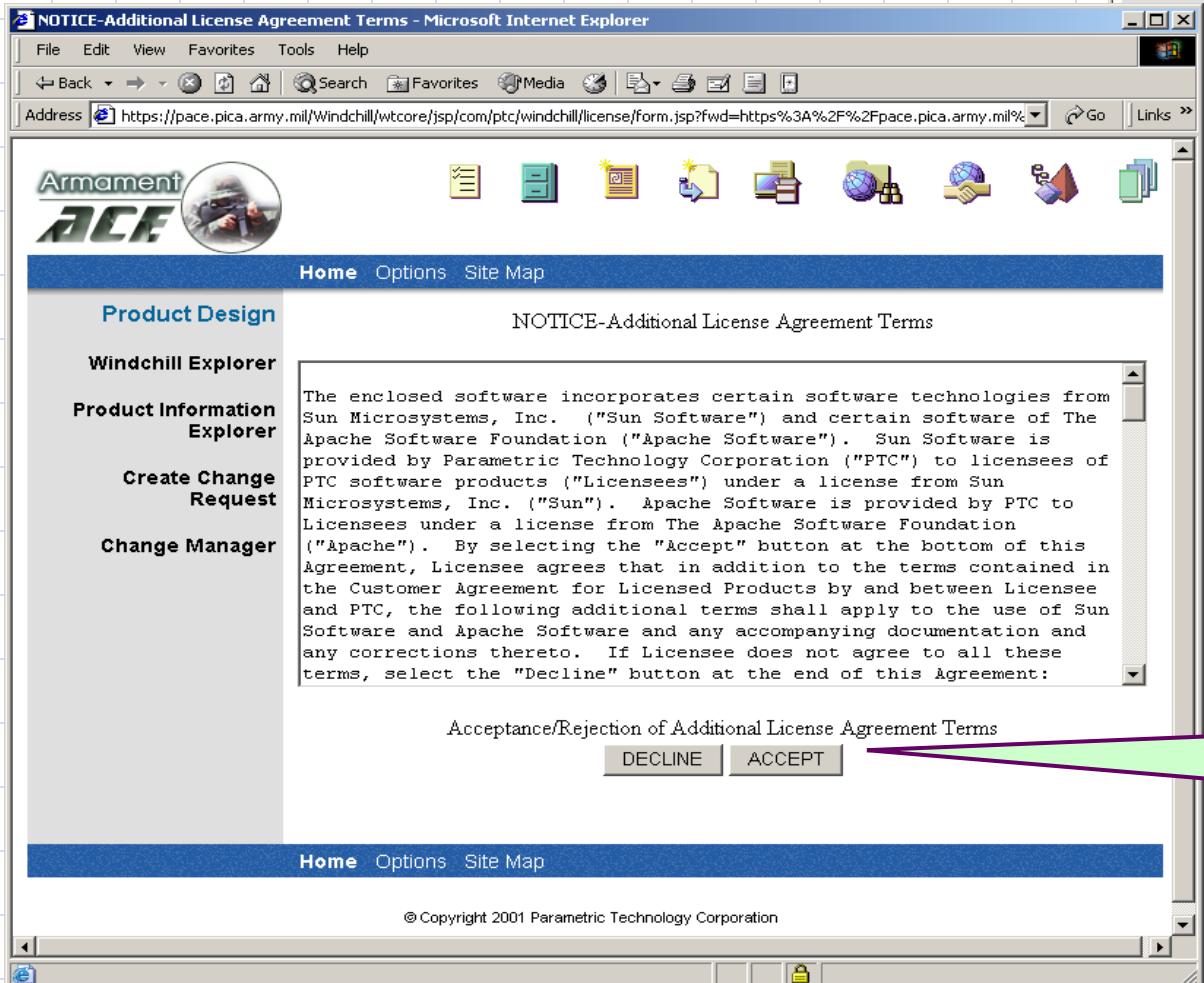
- *Home
- *Personal Cabinet
- *Checked Out Folder
- *Search
- *Worklist
- *Create Document
- *Visualization Clipboard
- *Preferences

- **Menus contain links to certain actions. In Windchill, menus always appear on the left side of the screen. Menu links are dynamic and will change depending on the action you are performing.**

- **Not all links are always available.**

First-time use: running Setup

Setup button



NOTICE-Additional License Agreement Terms - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://pace.pica.army.mil/Windchill/wtcore/jsp/com/ptc/windchill/license/form.jsp?fwd=https%3A%2F%2Fpace.pica.army.mil%

NOTICE-Additional License Agreement Terms

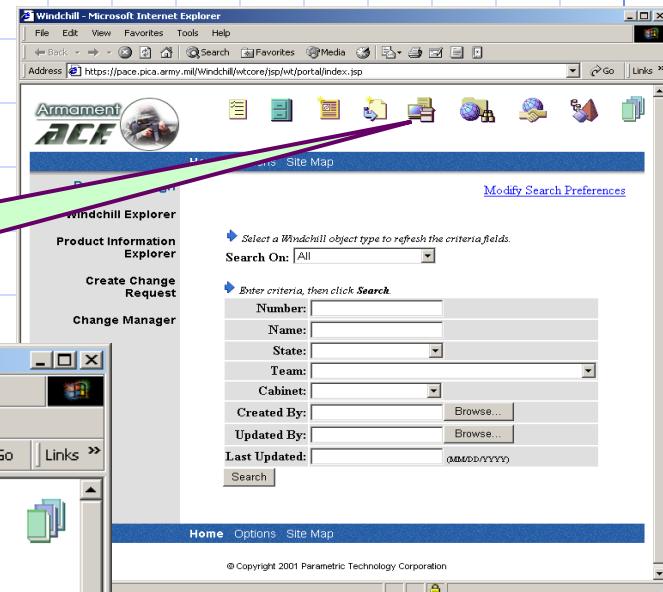
The enclosed software incorporates certain software technologies from Sun Microsystems, Inc. ("Sun Software") and certain software of The Apache Software Foundation ("Apache Software"). Sun Software is provided by Parametric Technology Corporation ("PTC") to licensees of PTC software products ("Licensees") under a license from Sun Microsystems, Inc. ("Sun"). Apache Software is provided by PTC to Licensees under a license from The Apache Software Foundation ("Apache"). By selecting the "Accept" button at the bottom of this Agreement, Licensee agrees that in addition to the terms contained in the Customer Agreement for Licensed Products by and between Licensee and PTC, the following additional terms shall apply to the use of Sun Software and Apache Software and any accompanying documentation and any corrections thereto. If Licensee does not agree to all these terms, select the "Decline" button at the end of this Agreement:

Acceptance/Rejection of Additional License Agreement Terms

DECLINE **ACCEPT**

Home Options Site Map

© Copyright 2001 Parametric Technology Corporation



Windchill - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://pace.pica.army.mil/Windchill/wtcore/jsp/portal/index.jsp

Windchill Explorer

Product Information Explorer

Create Change Request

Change Manager

Select a Windchill object type to refresh the criteria fields.

Search On: All

Enter criteria, then click Search.

Number:

Name:

State:

Team:

Cabinet:

Created By: Browse...

Updated By: Browse...

Last Updated: (mmddyyyy)

Search

Home Options Site Map

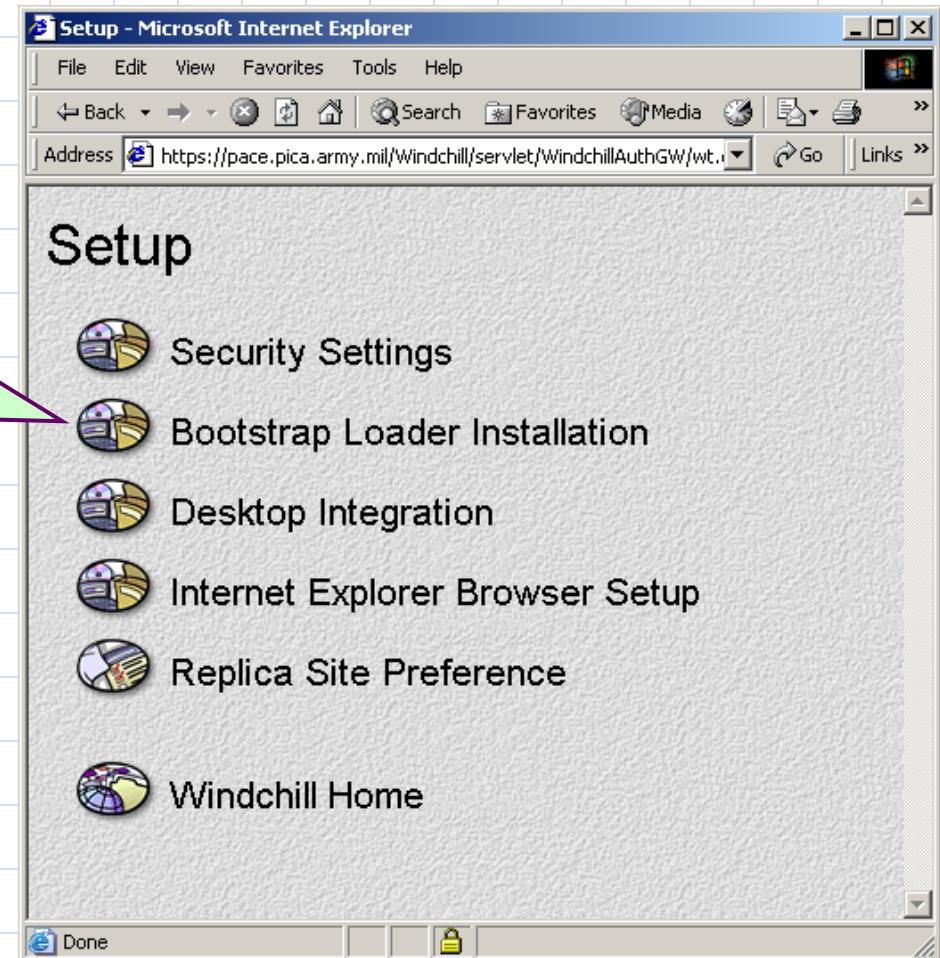
© Copyright 2001 Parametric Technology Corporation

1. Accept the license agreement.

Running Setup

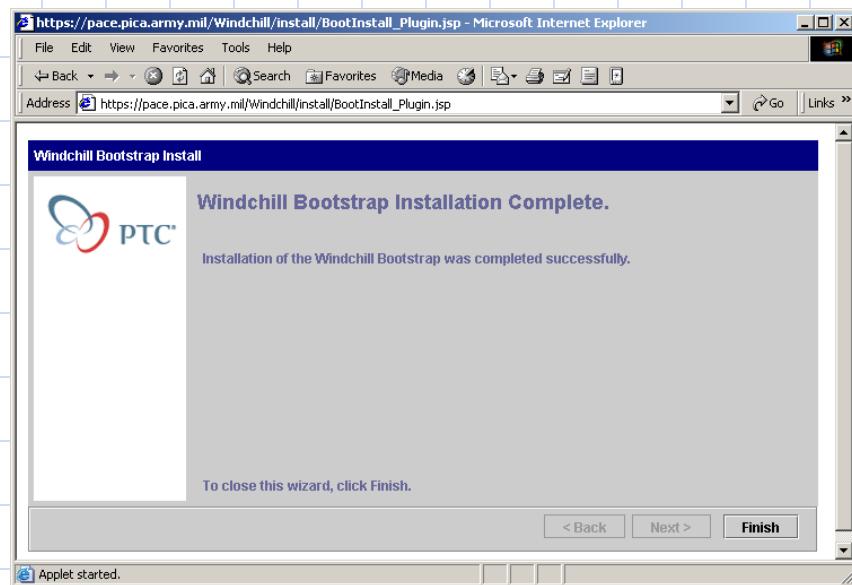
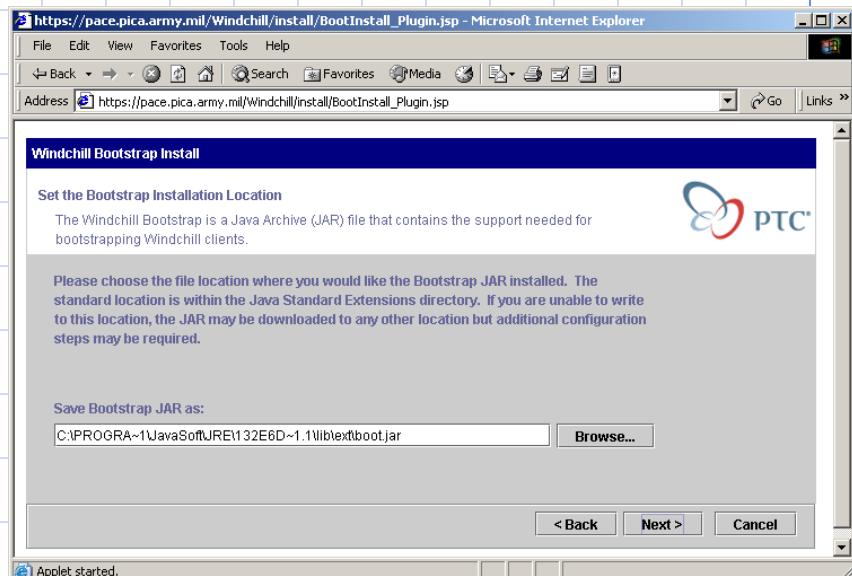
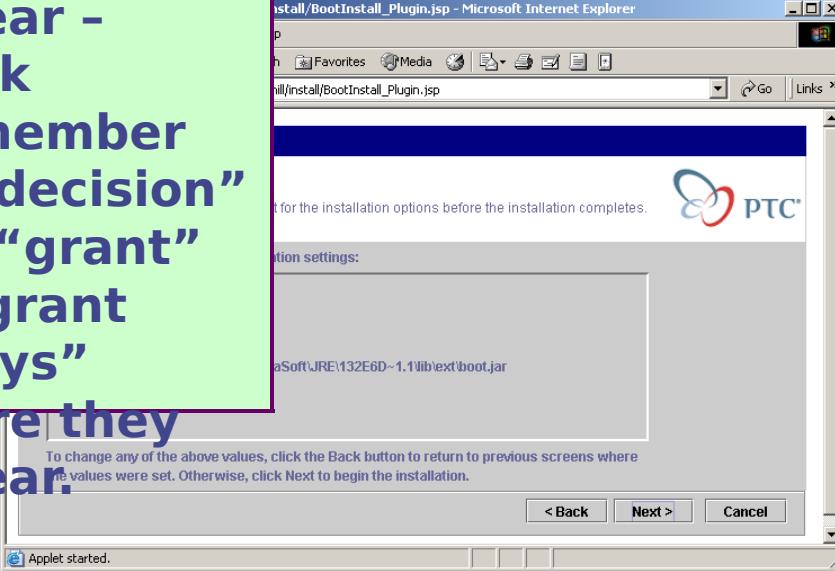
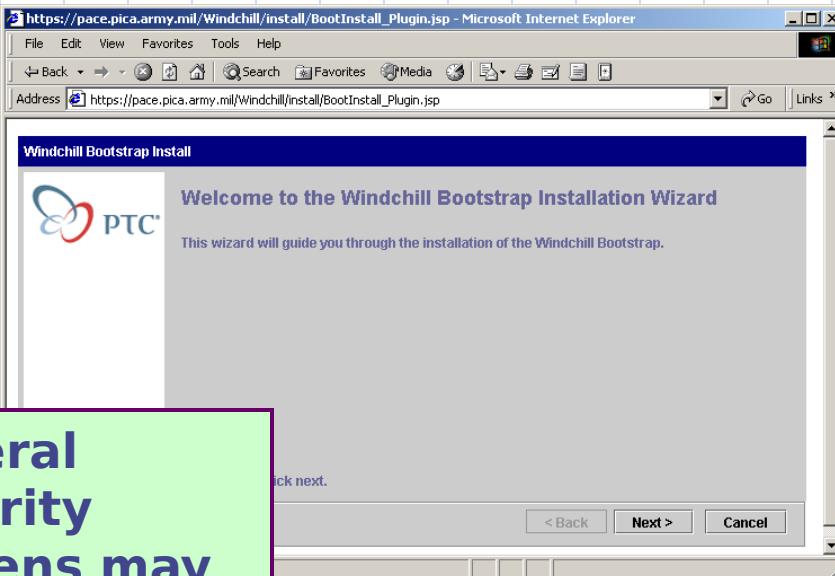
2. External network users must install the Bootstrap Loader. (for SSL).

Picatinny-site users should install it to enhance system performance



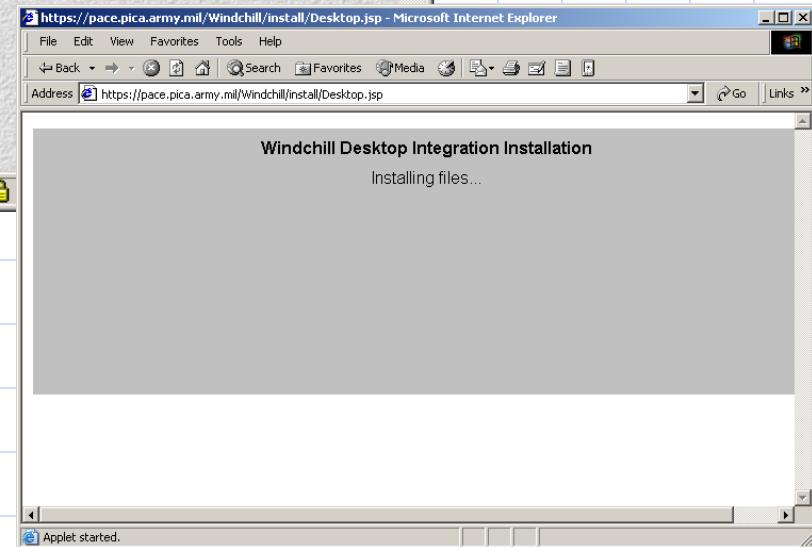
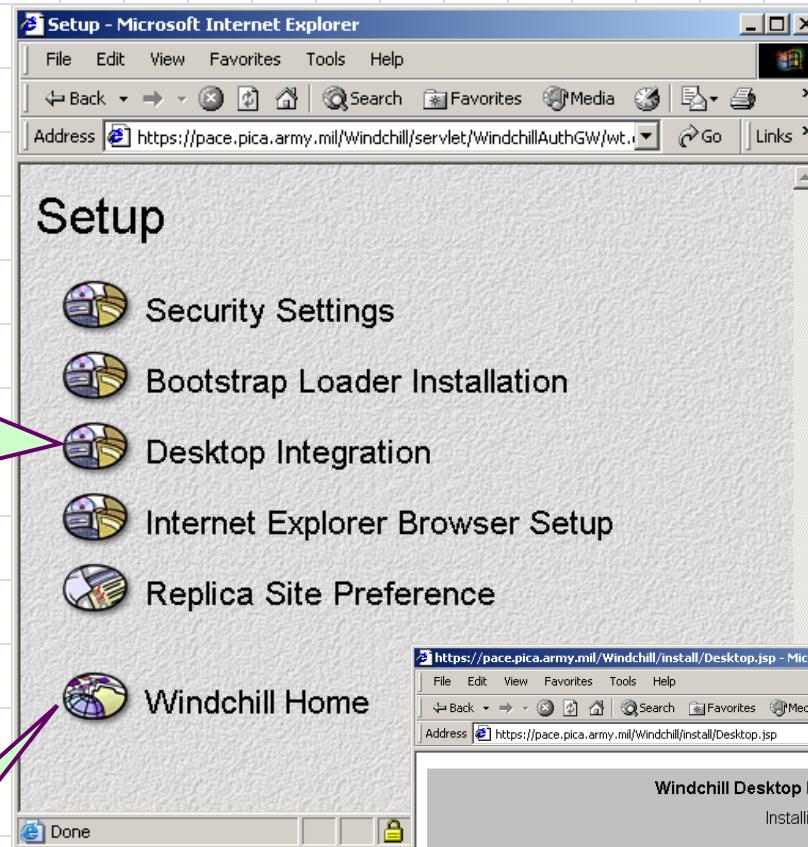
Keep hitting “next” then “finish”...

Several security screens may appear - check “remember this decision” and “grant” or “grant always” where they appear.



Optional steps

MS Office
users may
implement
Desktop
Integration
(close all open
office
applications
first, including
Outlook)



4. Click
“Windchill
Home” to exit
Setup

Changing your password

- ◆ Select the keys icon in the toolbar.
- ◆ The password change screen will appear



https://pace.pica.army.mil/Windchill/wtcore/jsp/wt/portal/PasswordFor...

Password change for: User Name

Please enter at least 8 characters for the new password.

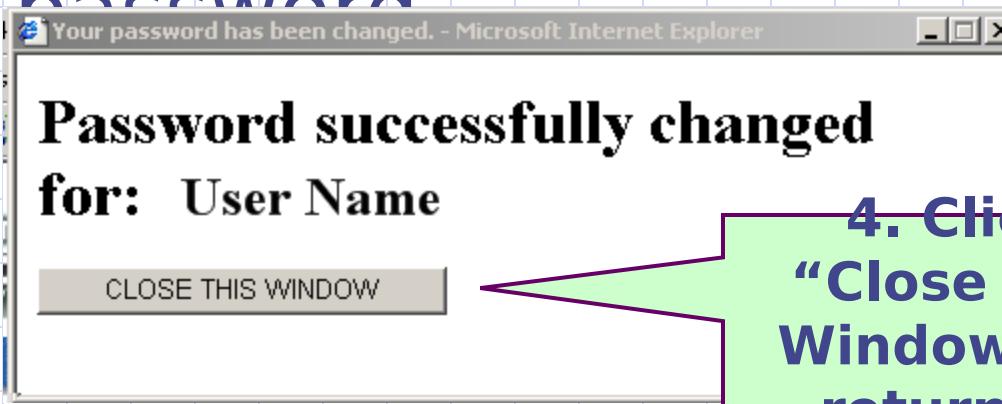
New Password:

Confirm Password:

Windchill Adapter:	mil.army.pica.pace.Windchill
LDAP Adapter:	mil.army.pica.Ldap

Changing your password cont.

- ◆ Type in your new password and click submit when done.
- ◆ A notice will appear that you have successfully changed your password.



4. Click
“Close this
Window” to
return to
Windchill

Section 3: Finding documents

◆ Objectives

- Basic searching
- Searching
- Cabinets and Folders
- Armament ACE data structures overview
- Access and permissions overview
- Exploring versus Browsing

◆ Goals

- After this section you should be able to find any document in the Armament ACE system.

Basic Searching

Windchill - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Home Search Favorites Media Links Go Links

Address https://pace.pica.army.mil/Windchill/wtcore/jsp/wt/portal/index.jsp

Armament ACE

Home Options Site Map

Product Design

Windchill Explorer

Product Information Explorer

Create Change Request

Change Manager

Modify Search Preferences

Select a Windchill object type to refresh the criteria fields.

Search On: All

Enter criteria, then click Search.

Number:

Name:

State:

Team:

Cabinet:

Created By: Browse...

Updated By: Browse...

Last Updated: (MM/DD/YYYY)

Search

Home Options Site Map

© Copyright 2001 Parametric Technology Corporation

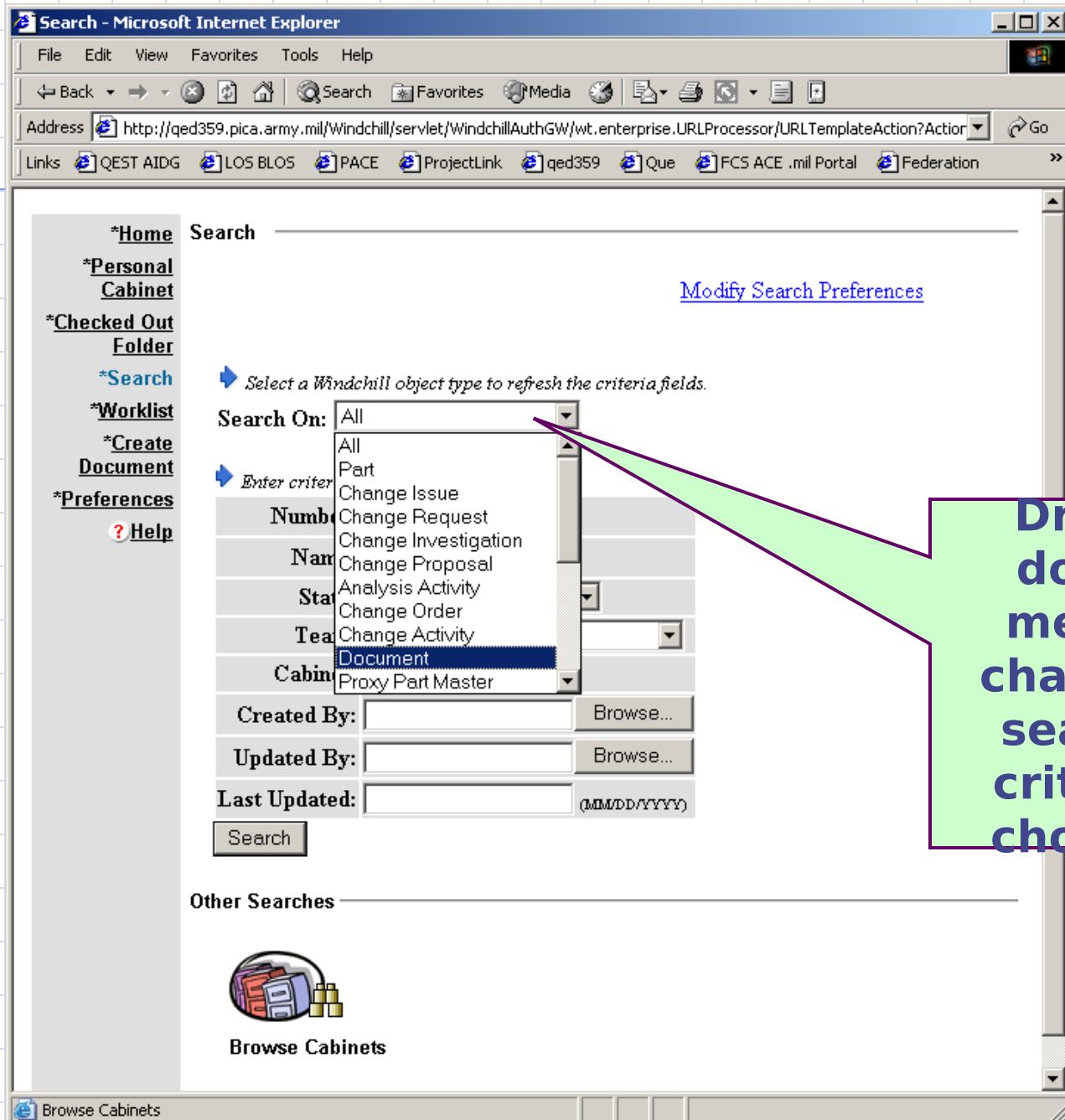
Enter search criteria fields

Execute search

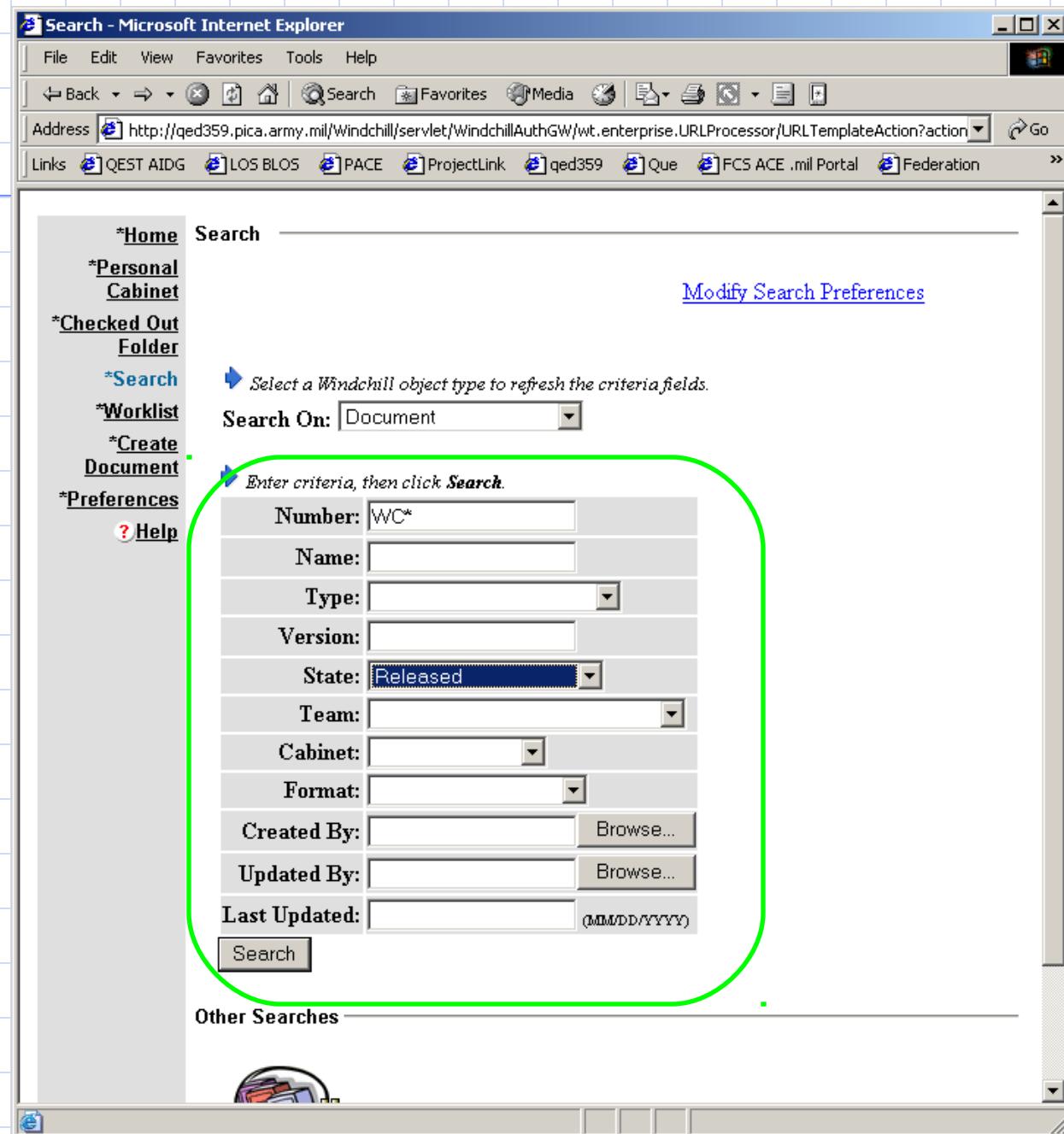
Sort preferences

Optionally select Search Type

Modify Search Preferences



Drop-down menu, changes search criteria choices



Search Results - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address https://pace.pica.army.mil/Windchill/servlet/WindchillAuthGW/wt.enterprise.URLProcessor/URLTemplateAction?name=&creator=&modifier=&action=DoIntegratedSearch&numbe Go Links

Search Results

Search Results for All

Your search "All" found 50 objects. [Modify Criteria](#)

page 1 of 4 >> Go to page >

Number	Name	Version	Type	State	Team	Last Updated
1 <input type="checkbox"/> 08272003	progs	A	Document	In Work	08272003 (progs) 29	2003-08-27 10:17:30 EDT
All Versions CheckOut Get Content Save As Submit						
2 <input type="checkbox"/> 1	MATREX V0.5 SCMP	A	Document	In Work	1 (MATREX V0.5 SCMP) 35	2003-10-06 09:16:24 EDT
All Versions CheckOut Get Content Save As Submit						
3 <input type="checkbox"/> APPLETWRITER	AppletWriter	A	Document	In Work	APPLETWRITER (AppletWriter) 3	2003-08-22 10:33:22 EDT
All Versions CheckOut Get Content Save As Submit						
4 <input type="checkbox"/> CDEX1	Barbara J. Mueller	A	Document	In Work	CDEX1 (Barbara J. Mueller) 57	2003-10-08 10:20:49 EDT
All Versions CheckOut Get Content Save As Submit						
5 <input type="checkbox"/> CDEX1	Barbara J. Mueller	A	Document	In Work	CDEX1 (Barbara J. Mueller) 57	2003-10-17

Applet started.

Cabinets & Folders

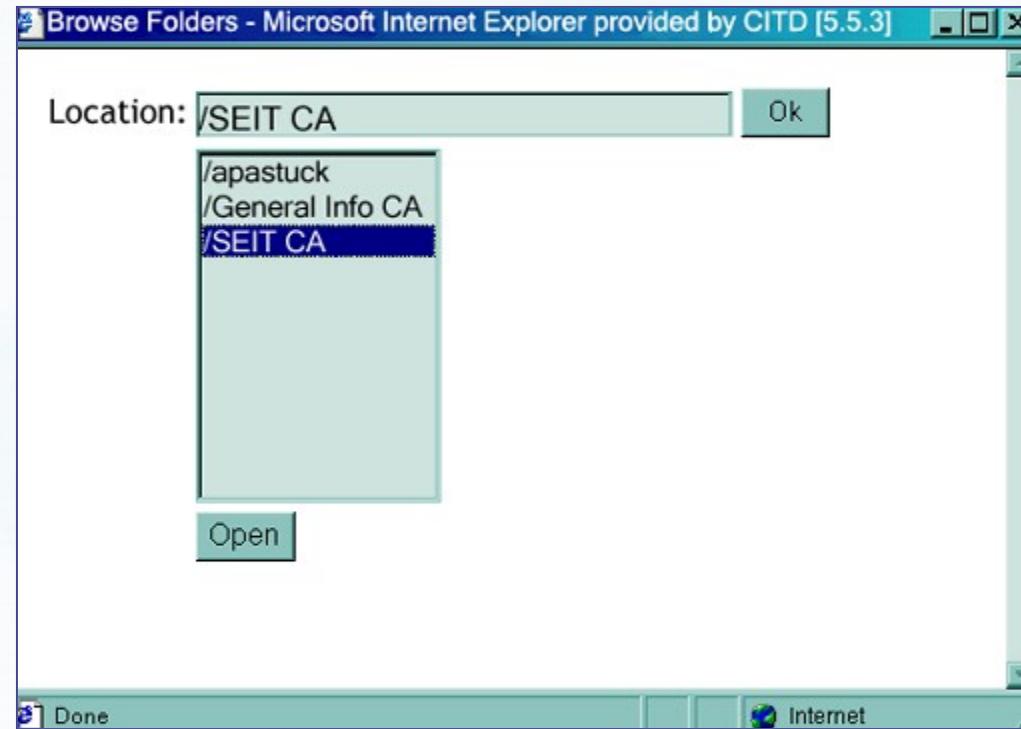
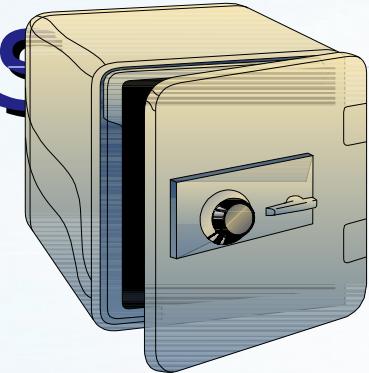
❖ Cabinets

Cabinets provide the highest level of organization in the Windchill system.

You could consider a Windchill cabinet analogous to a metal filing cabinet in the real world. A cabinet can contain folders and subfolders.

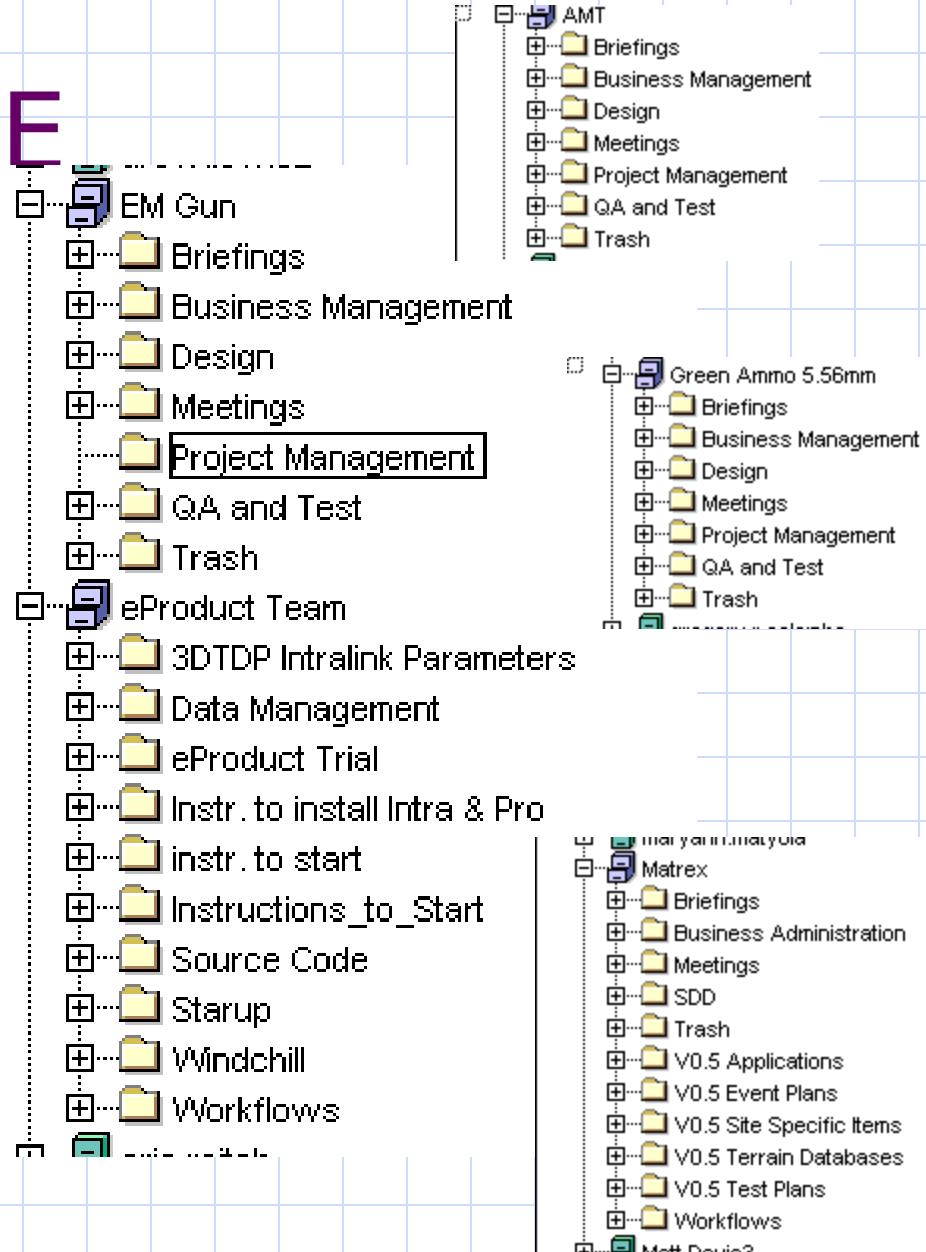
Cabinets contains all data, to include business, logistic and engineering documents and models. Multiple data formats can be stored within business or product configurations.

Access is controlled by a series of rules that take into consideration roles and assigned responsibilities.



Armament ACE Data Structure

The Cabinets are given to each working Team. The Cabinet provides a top-level organizing mechanism for managing data. Cabinets consist mainly of folders, which may contain sub-folders and files.



General Access Control

- ❖ The access control list governs create/read/modify access to the cabinets and folders.
- ❖ Team members can only create a document within their team's folders.
- ❖ Cabinets are set up with restricted access to specific teams and their contractors.
- ❖ Team members may have access to other project cabinets, if their owner has granted them permission.
- ❖ Only the administrators can delete a document. This is to prevent the accidental deletion of important data. A document can be moved by any team user into a "trash" folder which will be periodically cleaned out by the administrator.
- ❖ All users have read access to "released" documents unless they are located in one of the restricted areas.
- ❖ Contractor cabinets may have special access rules to protect proprietary data. For example, government users may have access but other contractors may not have access.
- ❖ Everybody can read, modify and create parts and documents in all states, in the "Public Shared" cabinet
- ❖ Access Control Policies may be modified for specific project.

Specific Cabinet Access Policies

- ❖ Access permissions are granted by each Project Team Leader in charge of a cabinet.
- ❖ Depending on the size of each project, it is useful to have one or two “super users” in the IPT. (aka “customer champions”)
- ❖ Usually one cabinet is assigned per project, or program.
- ❖ Permissions are normally set at the Cabinet level and refined (if needed) at the sub-folder level.
- ❖ Government users would normally be given access to view everything within their program domain, whereas project contractors can be limited in what they can view.
- ❖ Permissions may also be granted via lifecycle states, and workflow.
- ❖ Access Control Policies may be tailored to each project if

Using the Windchill Explorer

The
Explorer

Windchill - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address: https://pace.pica.army.mil/Windchill/wtcore/jsp/wt/portal/index.jsp

Links: AIM AKO LOS BLOS PACE mySAP ProjectLink FCS ACE User Accounts DAU qed359 ARDEC Reorganization

Armament 

Home Options Site Map [Modify Search Preferences](#)

Product Design

Windchill Explorer

Product Information Explorer

Create Change Request

Change Manager

► Select a Windchill object type to refresh the criteria fields.

Search On: All

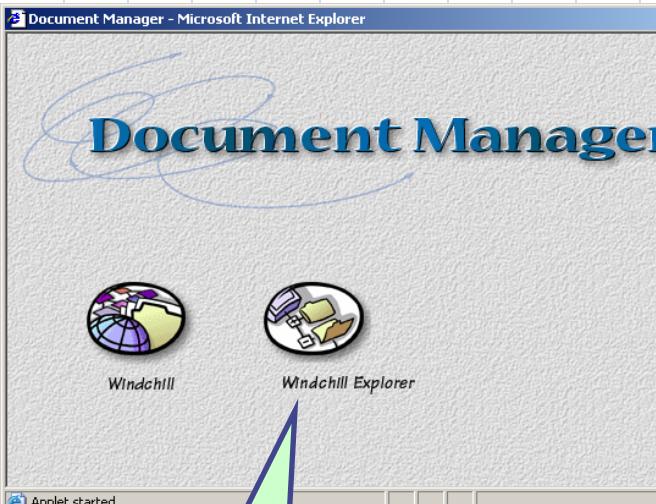
► Enter criteria, then click **Search**.

Number:	<input type="text"/>
Name:	<input type="text"/>
State:	<input type="text"/>
Team:	<input type="text"/>
Cabinet:	<input type="text"/>
Created By:	<input type="text"/> <input type="button" value="Browse..."/>
Updated By:	<input type="text"/> <input type="button" value="Browse..."/>
Last Updated:	<input type="text"/> (MM/DD/YYYY)

 Done

Exploring

Windchill
Explorer menu
pick



Open the
Explorer
interface

Windchill Explorer

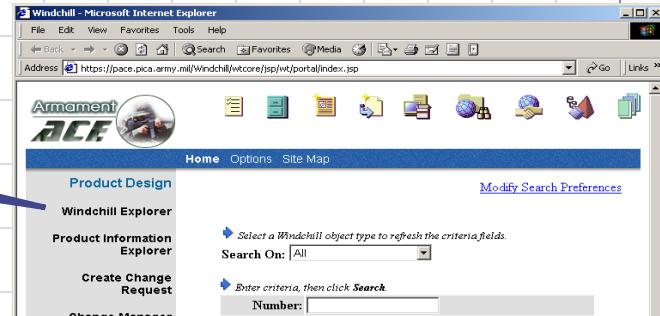
File Edit Object Life Cycle Tools Help

Cabinets and Folders

Contents of '/Demo Project'

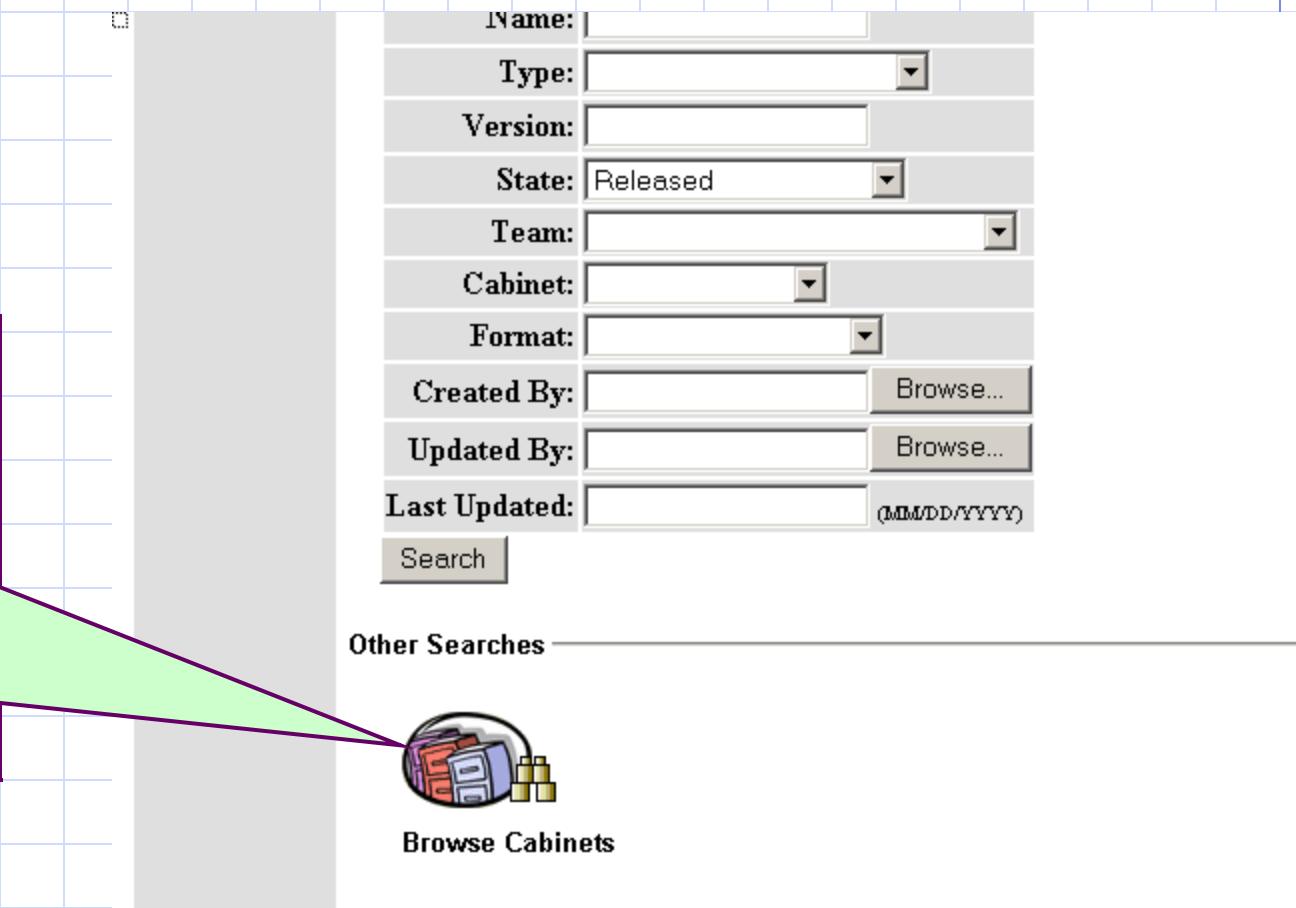
Name	Number	Version	State	Type	Last Upda	Team
Briefings				Folder	9/03/03 10	
Business Manag				Folder	9/03/03 10	
Design				Folder	9/03/03 10	
Meetings				Folder	9/03/03 10	
Project Management				Folder	9/03/03 10	
QA and Test				Folder	9/03/03 10	
Trash				Folder	9/03/03 10	
eProduct Team				Team	9/03/03 10	
Green Ammo 5.56mm						
IMS Trial						
Matrex						
Briefings						
Business Administrati						
Meetings						
SDD						
Trash						
V0.5 Applications						
V0.5 Event Plans						
V0.5 Site Specific Item						
V0.5 Terrain Database						
V0.5 Test Plans						

Java Applet Window



“Browsing” - an alternative way to explore

**Browse button,
located at
the bottom
of the
search
screen**

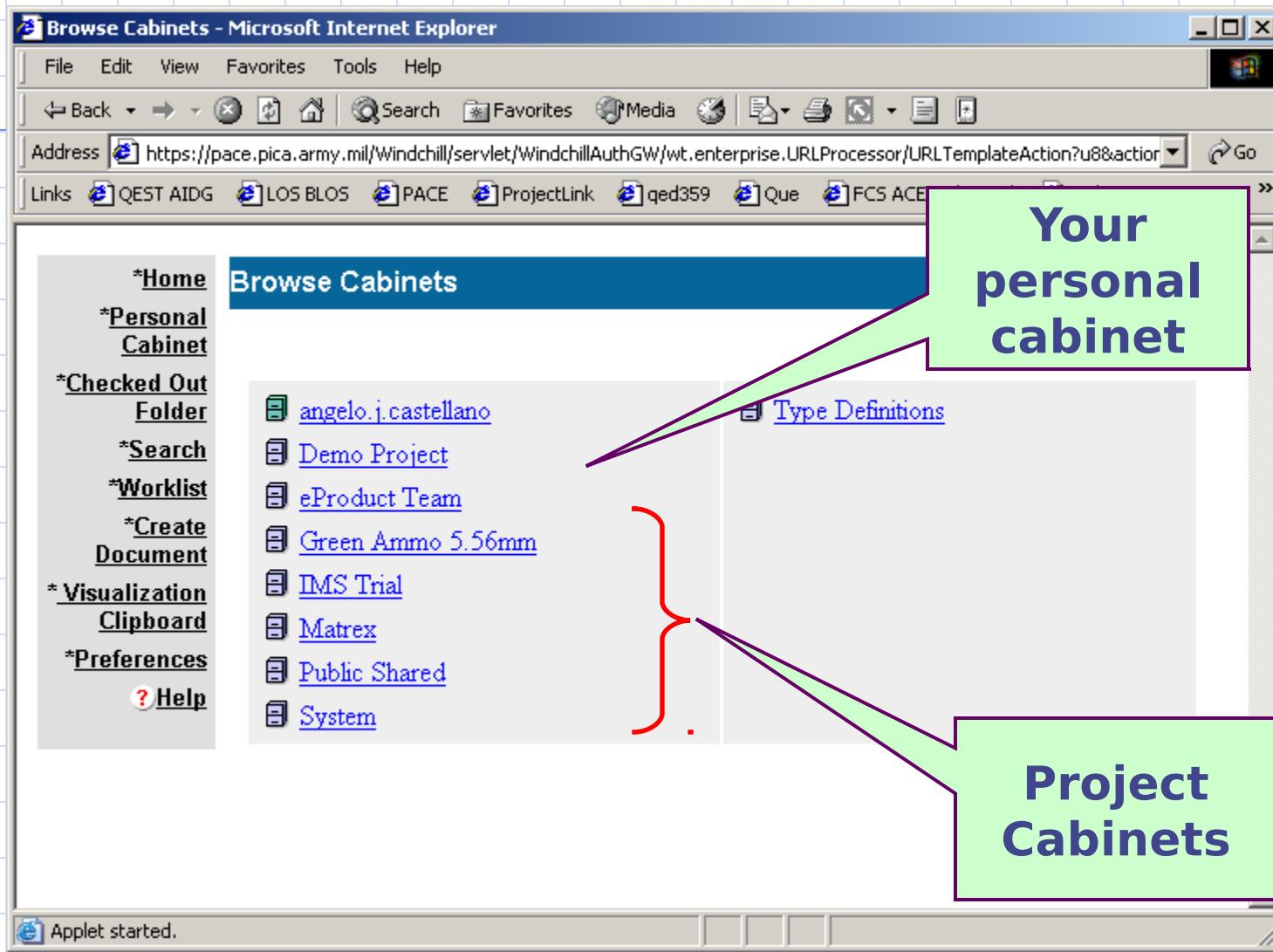


The screenshot shows a search interface with the following fields and options:

- Name:
- Type:
- Version:
- State: Released
- Team:
- Cabinet:
- Format:
- Created By:
- Updated By:
- Last Updated: (MM/DD/YYYY)
-

Other Searches

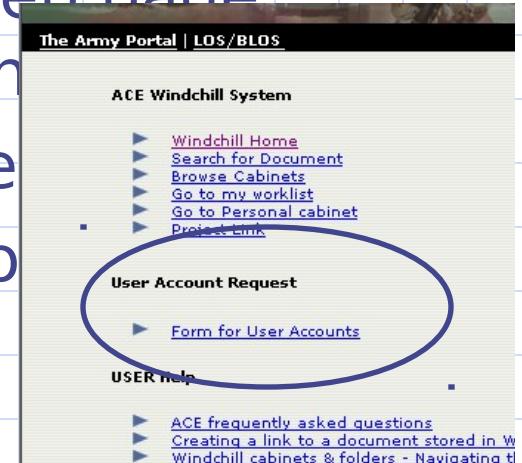




Armament Ace Account

To get an Armament-ACE account, send an email to: ace-help@pica.army.mil

Or go directly to the “User Account Request” link on the Armament-ACE portal web page (<https://pace.pica.army.mil/>), and fax your completed form to the phone number listed on page of the form.



User registration

Individuals requiring access to [Viewer](#), [Product View](#), [Computer Requirements System \(CARS\)](#), also known as TDP Trac, [Data Configuration Management System \(TD/CMS\)](#), [Engineering Changes at Light Speed \(ECALS\)](#), [Repository \(SAP\)](#), [Web Data Packages \(WebTDP\)](#), [INTRALINK](#), [Joint Computer-Acquisition and Logistics Support \(JCALS\)](#), [ACE Windchill](#) and [LOS/BLOS](#) are required to submit a User Account Request.

User Account Request Information

Instructions are in this letter (Microsoft word file)  (pdf file)	A copy of the request is available here  (pdf file)
NOTE:	
<ul style="list-style-type: none">The pdf file can be filled out on your computer, printed, signed and submitted.Use the Tab key to maneuver through the form, from one section to another.Can't read pdf or word? Get a free reader at ViewPDF	
For information about user accounts, contact IDE_Account_Request@pica.army.mil	

ARDEC AIDE
User Account Request Form and Non-Disclosure Agreement for Technical Data

PLEASE FAX COMPLETED REQUEST TO 973-724-5288

INSTRUCTIONS: COMPLETE ALL REQUIRED SECTIONS OF THIS FORM, AS INDICATED BELOW. SIGN AND DATE THE FORM IN SECTION 1 (AND SECTIONS 2, 3, and 4 WHERE APPLICABLE), OBTAIN THE NECESSARY SUPERVISORY AND CONTRACTING OFFICERS REPRESENTATIVE (COR) APPROVALS AND SIGNATURES, THEN FAX THE COMPLETED REQUEST TO 973-724-5288. NOTE: ALL BLANKS IN A REQUIRED SECTION MUST BE COMPLETED BEFORE AN ACCOUNT WILL BE PROVIDED. CURRENT USERS WHO FAIL TO COMPLETE THIS FORM WILL HAVE THEIR ACCOUNT(S) TERMINATED.

Section 1 to be completed by all users/requestors.
Section 2 to be completed by users/requestors that are United States Government Employees.
Section 3 to be completed by Government COR, if account is for use by a contractor.
Section(s) 4 & 5 to be completed by contractor requestor, if account is for use by said contractor.

Special Note For ECALS Requests: If you are requesting a user account for ECALS, note that this Request Form is to be completed by Configuration Managers only. All other ECALS users may register directly at the site. <https://edmd4.pica.army.mil>

If you have questions about this form, see detail instructions and sample copy provided under User Accounts at http://e-data.pica.army.mil/prod_techdata. If you have additional questions, contact the Quality Engineering Directorate at the U.S. Army Armament Research, Development and Engineering Center, Picatinny Arsenal, New Jersey 07806-5000, (973) 724-5824 or DSN 880-5824; or send email to: IDE_Account_Request@pica.army.mil

Section 1 **All Requestors Must Complete This Section:**

User help

Tip Sheets

USER Help

- ▶ [ACE frequently asked questions](#)
- ▶ [Creating a link to a document stored in Windchill](#)
- ▶ [Windchill cabinets & folders - Navigating the Windchill file structure](#)
- ▶ [Searching for a document](#)
- ▶ [Basic setup functions](#)
- ▶ [Creating a document/updating content](#)

ACE Training Video Clips

- ▶ [How to run the Bootstrap Loader \(1024x768\)](#)
- ▶ [Searching for an MS Word file \(1024x768\)](#)
- ▶ [Exploring in ACE \(1024x768\)](#)
- ▶ [Example of using Worklists and Workflow \(1024x768\)](#)

Video clips

What's New.....

Welcome to the new members of the Armament Advanced Collaborative Environment (A-ACE). To request an A-ACE account, complete the application at https://e-data.pica.army.mil/prod_techdata/accounts.htm. If you have a Contractor that needs access to A-ACE, he must first have an AKO account. To request an AKO account for any Contractor, have them submit a registration request at https://www.us.army.mil/portal/portal_home.jhtml.

Off-site users MUST install the bootstrap loader. For enhanced performance, all users should load the Windchill Bootstrap Loader (instructions available in "Basic Setup Functions" under the User Help menu, or in <https://pace.pica.army.mil/AIDE-IS-005.doc>).

Drag-and-Drop is available in Windchill for adding new files,

Windchill is currently at version 6.2.6. The Windchill server runs on UNIX Solaris platform, with a 1 Gigabit/sec network connection to the Internet.

To sign up for Windchill training, send email to ace-help@pica.army.mil. Click "Training Schedule" to view available dates.

To view Windchill training clips, click on "How-to Videos" at the left.

Mentoring is available for individuals or groups. Please send email to ace-help@pica.army.mil to schedule a

Completion of Training Part 1

◆ Skills Acquired

- Logging in with local authentication
- Becoming familiar with entry into Windchill and use of the Armament-ACE environment.
- Finding any document in the Armament-ACE system.